

Figure 2

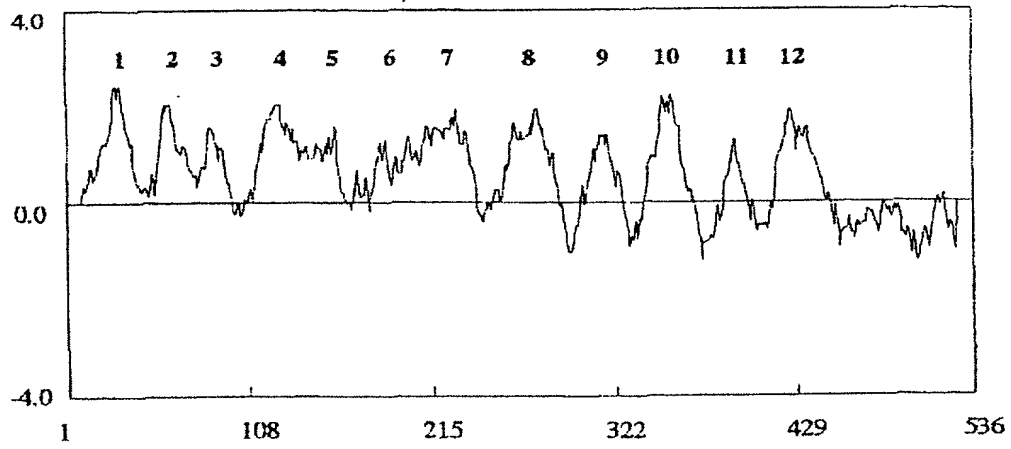


Figure 3

A

	M3	M4	
OsNHX1	FSEDLFFIYLLPPIILFNAGFQVKKKQFFRNFM	TITLFGAVGTMISFFTISIAAIAIFSRM	138
NHX1	FNSSYFFNVLLPPIILNSGYELNQVNFNNMLSILIFAIPGTFISAVVIGIILYIWTFLG		179
NHE6	FDPEVFFNILLPPIIFYAGYSLKRRHFFRNLSILAYAFLGTAISCFVIGSIMYGCVTLM		205
NHE1	LQSDVFFFLPPIILDAGYFLPLRQFTENLGTILIFAVVGTLWNAFFLGGLLYAVCLVG		219
NHE2	MKTDVFFLYLLPPIVLDAGYFMPTRPFFENLGTIFWYAVVGTLWNSIGIGLSLFGICQIE		80
NHE3	LTPTLFFFYLLPPIVLDAGYFMPNRLFFGNLGTILLYAVIGTIWNAATTGLSLYGVFLSG		166
NHE4	MDSSIIYFLYLLPPIVLESYGFMPTRPFFENIGSILWNAAGLALINAFGIGLSLYFICQIK		184

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B

	M5	M6	
OsNHX1	---NIGTLDVG--DFLAIGAIFSATDSVCTLQVLNQDET-PFLYSLVFGEQVNDATSI		192
NHX1	----LESIDISFADAMSVGATLSATDPVTILSIFNAYKVDPKLYTIIFGESLLNDAISIV		235
NHE6	KVTGQLAGDFYFTDCLLFGAIVSATDPVTVLAI FHELQVDVELYALLFGESVLNDAVAIV		265
NHE1	---GEQINNIGLLDTLLFGSIISAVDPVAVLAVFEEIHINELLHILVFGESLLNDAVTVV		276
NHE2	---AFGLSDITLLQNLFGSLISAVDPVAVLAVFENIHVNEQLYILVFGESLLNDAVTVV		137
NHE3	---LMGELKIGLLDFLLFGSLIAAVDPVAVLAVFEEVHVNEVLFIIVFGESLLNDAVTVV		223
NHE4	---AFGLGDINLLQNLFGSLISAVDPVAVLAVFEEARVNEQLYMMIFGEALLNDGISVV		241

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Figure 4

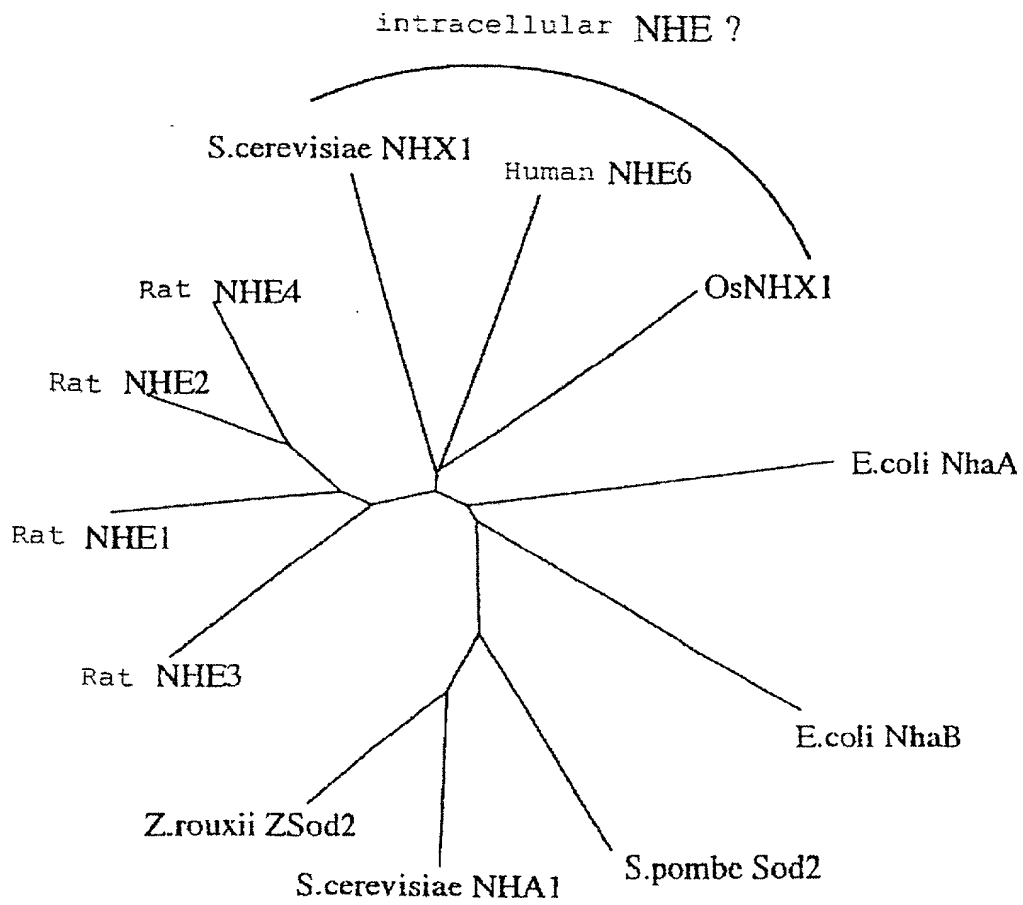


Figure 5

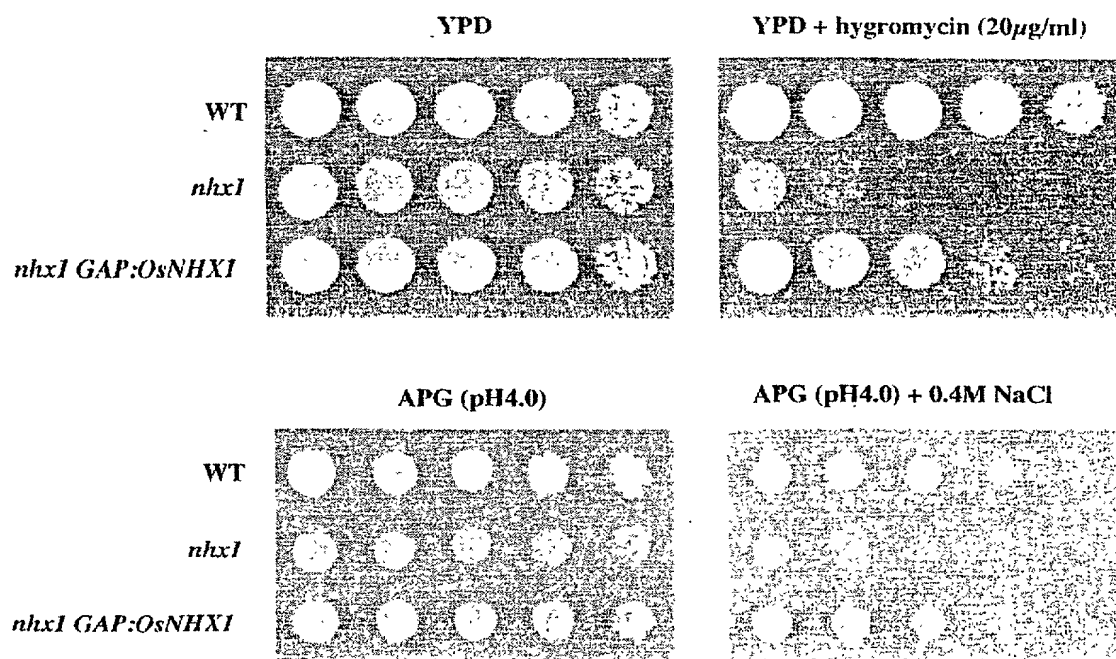


Figure 6

